

ABSTRACT

The present invention provides methods for measuring the kinase activity of a cyclin/CDK complex on a RB protein, and
5 methods for measuring the phosphatase activity of a cyclin/CDK complex on a RB protein phosphorylated by a cyclin/CDK complex, wherein the phosphorylation state of the RB protein to be phosphorylated by the cyclin/CDK complex is assessed using antibodies that can identify the phosphorylation state of the
10 substrate. Compounds that regulate the activities of these enzymes can be screened by applying these measuring methods.